

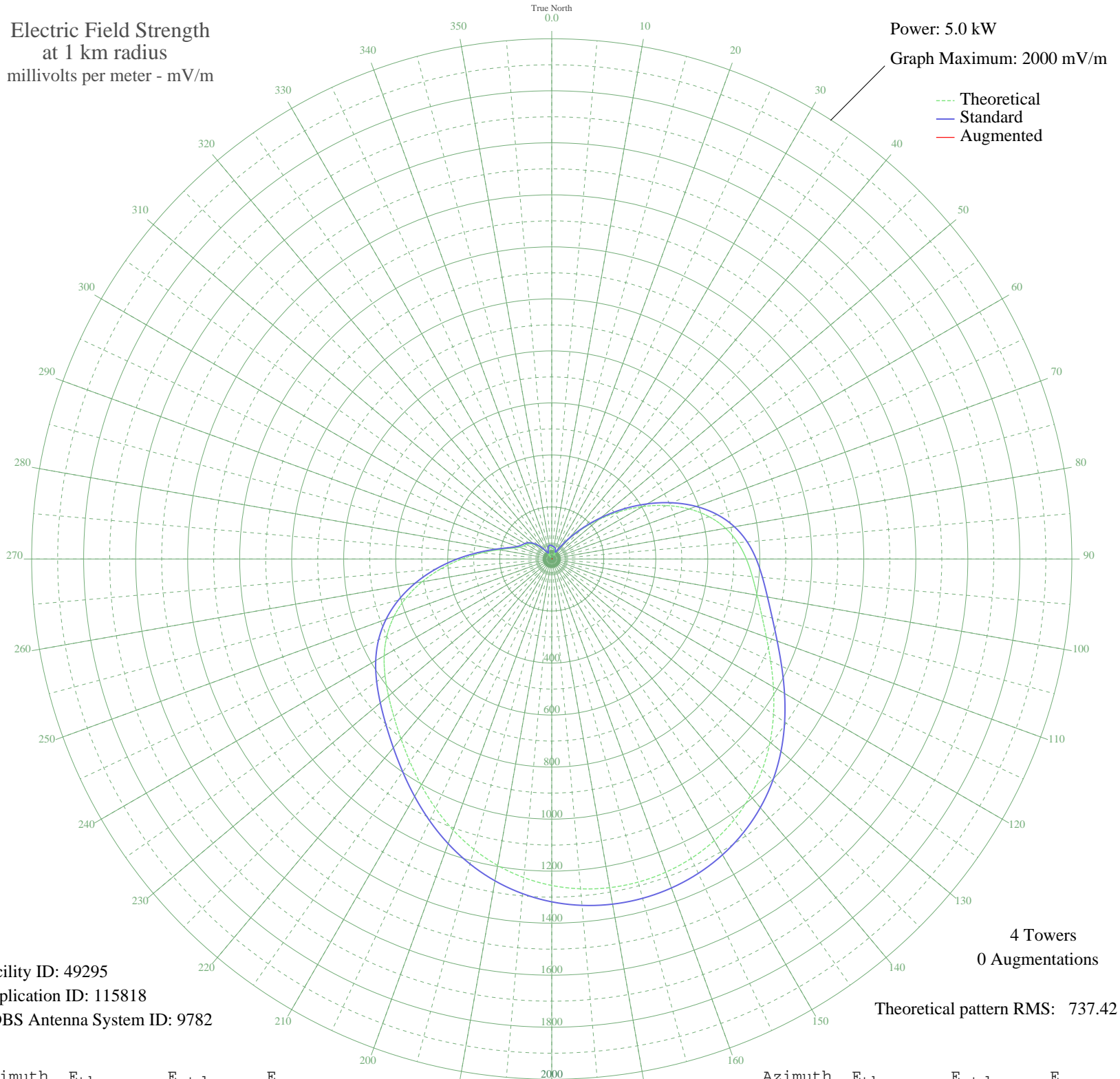
WOBM LAKEWOOD TOWNSHIP, NJ BL-19880725AD 1160 kHz

Daytime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 49295
Application ID: 115818
CDBS Antenna System ID: 9782

Theoretical pattern RMS: 737.42

Azimuth	E _{theo}	E _{std}	E _{aug}
0	43.43	51.29	
5	40.99	49.02	
10	39.28	47.46	
15	37.28	45.64	
20	32.16	41.13	
25	21.56	32.61	
30	17.01	29.50	
35	46.95	54.60	
40	96.06	103.56	
45	159.45	169.06	
50	234.43	247.27	
55	317.21	333.90	
60	402.98	423.78	
65	486.39	511.25	
70	562.43	591.02	
75	627.25	659.03	
80	679.00	713.33	
85	718.31	754.59	
90	748.39	786.16	
95	774.36	813.41	
100	801.97	842.39	
105	835.91	878.02	
110	878.37	922.59	
115	928.73	975.45	
120	984.17	1033.65	
125	1040.98	1093.29	
130	1095.61	1150.63	
135	1145.25	1202.74	
140	1188.12	1247.74	
145	1223.28	1284.65	
150	1250.46	1313.19	
155	1269.78	1333.48	
160	1281.51	1345.79	
165	1285.89	1350.39	
170	1283.01	1347.37	
175	1272.81	1336.65	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1255.08	1318.04	
185	1229.62	1291.32	
190	1196.42	1256.46	
195	1155.85	1213.87	
200	1108.93	1164.61	
205	1057.42	1110.53	
210	1003.84	1054.30	
215	951.17	999.00	
220	902.11	947.51	
225	858.26	901.48	
230	819.24	860.52	
235	782.51	821.97	
240	744.01	781.57	
245	699.39	734.74	
250	645.39	678.07	
255	580.78	610.27	
260	506.71	532.56	
265	426.60	448.55	
270	345.59	363.63	
275	269.85	284.31	
280	205.90	217.46	
285	159.37	168.98	
290	132.19	140.77	
295	119.29	127.44	
300	111.35	119.25	
305	101.32	108.95	
310	86.51	93.82	
315	67.20	74.36	
320	45.15	52.91	
325	22.91	33.62	
330	7.79	24.86	
335	19.75	31.33	
340	32.89	41.76	
345	41.52	49.51	
350	45.45	53.18	
355	45.55	53.28	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission